



GSI.6689-A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David C. Brown, et al. GROUP: 2834
SERIAL NO: 10/075,940 EXAMINER: Judson Jones
FILED: February 13, 2002
FOR: APPARATUS FOR CONTROLLED MOVEMENT
OF AN ELEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

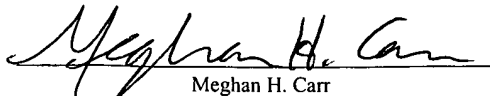
Sir:

**TRANSMITTAL OF RE-SUBMISSION OF
INFORMATION DISCLOSURE STATEMENT**

Applicant resubmits a copy of the Information Disclosure Statement (IDS), IDS Form 1449, returned post card and copies of the references that were originally submitted on June 5, 2003. Applicant understands from the examiner that a copy of this IDS is not in the file. A copy of the transaction history for this application is also enclosed confirming that the IDS was filed on June 5, 2003. Applicant respectfully request that the Examiner review and initial these references.

CERTIFICATION UNDER 37 C.F.R 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the United States Postal Service on July 13, 2006 in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, Mailing Label Number EV901972041US addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450


Meghan H. Carr

If any fee is required in connection with this submission the Commissioner is authorized to charge Deposit Order Account No. 19-0079.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'W. E. Hilton', is written over a horizontal line.

William E. Hilton
Registration No. 35,192
Gauthier & Connors, LLP
225 Franklin Street, Suite 2300
Boston, Massachusetts 02110
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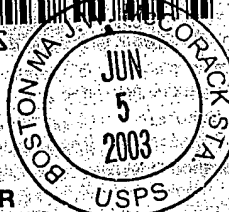
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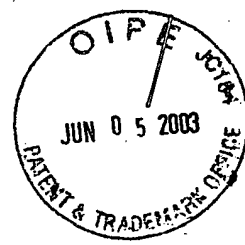
U.S. Patent Appln. Serial No. 10/075,940
For: APPARATUS FOR CONTROLLED MOVEMENT
OF AN ELEMENT
Filed: February 13, 2002

Enclosed please find the following:

- 1) Information Disclosure Statement
- 2) Form PTO-1449
- 3) Cited References (50)

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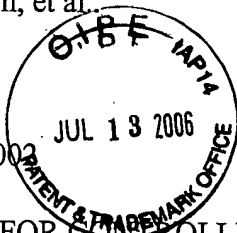
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APPLICANT: David C. Brown, et al. GROUP: 2633
SERIAL NO: 10/075,940 EXAMINER: unknown
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OF AN ELEMENT



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Assistant Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

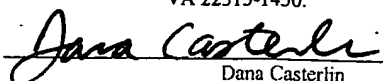
Applicant believes that no fee is required in connection with this submission, however, the Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any fee that is required.

Respectfully submitted,


William E. Hilton
Registration No. 35,192
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Extension 111

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

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Dana Casterlin

FORM PTO-1449 SAMUELS, GAUTHIER & STEVENS LLP
(Rev. 5/92) 225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180

ATTORNEY DOCKET NO. 6689-A

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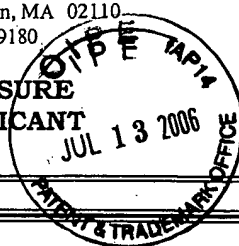
APPLICANT: David C. Brown, et al.

GROUP: 2633

FILING DATE: February 13, 2002

EXAMINER: unknown

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**



U.S. PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,365,863	12/28/1982	Broussaud			
	AB	4,436,260	03/13/1984	Donelan			
	AC	4,961,627	10/09/1990	Swain et al.			
	AD	5,185,675	02/09/1993	Banks			
	AE	5,208,880	05/04/1993	Riza et al.			
	AF	5,222,071	06/22/1993	Pezeshki et al.			
	AG	5,223,971	06/29/1993	Magel			
	AH	5,233,673	08/03/1993	Vali et al.			
	AI	5,253,033	10/12/1993	Lipchak et al.			
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	AK	5,255,332	10/19/1993	Welch et al.			
	AL	5,268,974	12/07/1993	Hikita et al.			
	AM	5,345,521	09/06/1994	McDonald et al.			
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	AAB	6,097,860	08/01/2000	Laor			06/05/1998
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	AAD	6,108,466	08/22/2000	Aksyuk et al.			09/17/1998
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	AAI	6,201,644	03/13/2001	Sakata et al.			11/12/1998
	AAJ	6,205,267	03/20/2001	Aksyuk et al.			11/20/1998
	AAK	6,300,619	10/09/2001	Aksyuk et al.			12/21/1997

FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AAL	Motamedi, M. Edward et al. "On-chip optical processing" Microelectronic Structures and MEMS for Optical Processing II. The International Society for Optical Engineering. Vol. 2881, October 1996. pp. 84-117
	AAM	Preliminary Data Sheet, Rev 2. "5200-Series 64x64 MEMS Optical Switch Module" Agere Systems, Inc. July 2001. (4 pages)
	AAN	Ford, James E. et al. "Micromechanical Fiber-Optic Attenuator with 3 μ s Response" Journal of Lightwave Technology. Vol. 16, No. 9. September 1998. pp. 1663-1670
	AAO	Goossen, K.W., et al. "Silicon Modulator Based on Mechanically-Active Anti-Reflection Layer with Mbit/sec Capability for Fiber-in-the-Loop Applications" IEEE Photonics Technology Letters. Vol. 6, No.9. September 1994. pp.1119-1121
	AAP	Barber, B. et al. "A Fiber Connectorized MEMS Variable Optical Attenuator" IEEE Photonics Technology Letters. Vol. 10, No. 9. September 1998. pp. 1262-1264
	AAQ	Reid, J.Robert et al. "Arrays of thermal micro-actuators coupled to micro-optical components" Air Force Institute of Technology. The International Society for Optical Engineering, Vol. 2865. pp. 74-82
	AAR	Walker, J.A. et al. "Performance and Packaging Implications of a MEMS Based Optical Modulator for WDM Fiber-To-The-Home Systems" IEEE Electronic Components and Technology Conference. 1997. pp. 601-606
	AAS	Lau, K.Y. "MEM's the Word for Optical Beam Manipulation" Circuits and Devices, IEEE. July 1997. pp. 11-18
	AAT	Ford, James E. et al. "Fiber-Coupled Variable Attenuator Using a MARS Modulator" Microelectronic Structures and MEMS for Optical Processing III. The International Society for Optical Engineering. Vol. 3226, September 1997. pp. 86-93
	AAU	Glockner, Steffan and Goring, Rolf. "Multichannel Fiber-Optic Switches based on MOEM Systems" Microelectronic Structures and MEMS for Optical Processing III. The International Society for Optical Engineering. Vol. 3226, September 1997. pp. 76-85
	AAV	CLEO '95. "Summary of Papers Presented at the Conference on Lasers and Electro-Optics." Optical Society of America. 1995 Technical Digest Series, Vol. 15. pp. 248-250
	AAW	Tien, Norman C. et al. "Actuation of polysilicon surface-micromachined mirrors" Miniaturized Systems with Micro-Optics and Micromechanics. The International Society for Optical Engineering. Vol 2687,

		January 1996 pp. 53-39
	AAX	Goring, Rolf et al. "Miniaturized optical switches based on piezoelectrically driven microprism arrays" Miniaturized Systems with Micro-Optics and Micromechanics. The International Society for Optical Engineering. Vol 2687, January 1996. pp. 23-31
EXAMINER		DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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